Matthew Kwong

Frontend Dev & System DBA

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RECENT EXPERIENCE

Frontend Engineer
Oct 2022 – Present | TecPal Ltd.

- Facilitated the seamless migration of Vue apps from a legacy WordPress API to a modern RESTful API.
- Orchestrated the successful implementation of features in Vue apps, including an authorization system and a shopping list.
- Conducted technical review and spearheaded proof-of-concept development for web application migration from Vue to Astro and Next.js.
- Pioneered the implementation of Turborepo, establishing the fundamental groundwork for the successful transition.

Programmer (Business and Administrative Systems)
May 2022 – Sep 2022 | EDPS Limited | Seconded to Hospital Authority

- Managed ha.org.hk and multiple intranet web apps, effectively catering to the needs of 100+ staff and 7M+ Hong Kong residents.
- Orchestrated the strategic planning and timely execution of web app OS and DB migration within 1 week.

Programmer (Database Management System) | Aug 2021 – May 2022
Junior Programmer (Database Management System) | Jul 2019 – Aug 2021
EDPS Limited | Seconded to Hospital Authority

- Played an active role in conducting a DB knowledge-sharing session and engaging audiences of 100+ technical professionals.
- Architected and programmed a database health check system utilizing React, Express, and MySQL, streamlining SRE processes and decreasing system recovery time.
- Provided support and guidance to 10+ application teams on MySQL deployment and maintenance.
- Architected and programmed a web app with React, Express, and MySQL that visualized database CPU utilization, resulting in a 30% increment in productivity.
- Conducted a POC on data virtualization utilizing the Delphix DataOps platform, bolstering support for 3 types of DBs and 50+ DB instances.

EDUCATION

Master of Science in Information Systems Management
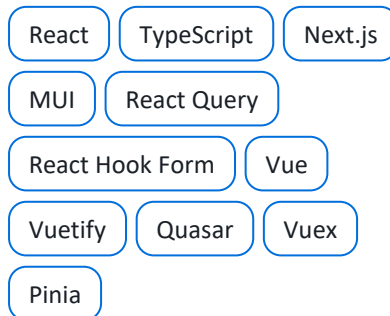2022 – Present | Hong Kong University of Science and Technology

Bachelor of Engineering in Computer Science
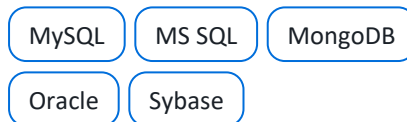Second Class Honours (Division One)
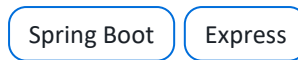2015 – 2019 | The University of Hong Kong

KEY SKILLS

Frontend

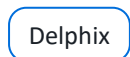React · TypeScript · Next.js · MUI · React Query · React Hook Form · Vue · Vuetify · Quasar · Vuex · Pinia

Database

MySQL · MS SQL · MongoDB · Oracle · Sybase

Backend

Spring Boot · Express

Quality Assurance

Cypress

DataOps

Delphix

Cloud

Contentful · OpenShift

Mobile

React Native · NativeBase · React Navigation
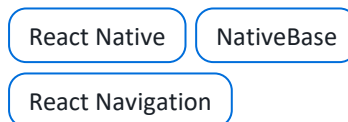
LANGUAGES

Cantonese	Native
English	Full professional
Mandarin	Full professional